

ROBERT MENENDEZ
NEW JERSEY

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June 16, 2021

The Honorable Patrick Leahy
Committee on Appropriations
United States Senate
Washington, DC 20510

The Honorable Richard Shelby
Committee on Appropriations
United States Senate
Washington, DC 20510

Dear Chairman Leahy and Vice Chairman Shelby:

I certify that neither I nor my immediate family has a pecuniary interest in any of the congressionally directed spending items that I have requested in the Fiscal Year 2022 Energy and Water Development appropriations bill, consistent with the requirements of paragraph 9 of Rule XLIV of the Standing Rules of the Senate.

Sincerely,



ROBERT MENENDEZ
United States Senator

Congressionally Directed Spending Requests Submitted to Subcommittee on Energy and Water Development

Member	INTENDED RECIPIENT (listed in alphabetical order)	INTENDED LOCATION	PROJECT NAME	PROJECT PURPOSE	AMOUNT REQUESTED (in thousands, \$000)
Menendez, Robert(D-NJ)	New Jersey Clean Cities Coalition	Atlantic City	New Jersey Green Hydrogen Demonstration Project	Funding will used to (1) purchase the polymer electrolyte membrane (PEM) electrolysis technology to produce hydrogen from the wind turbines; (2) provide the required gas and electric interconnections; and (3) provide the required engineering and design to develop the prototype, zero emission, hydrogen fuel-cell medium-duty truck. This will provide the nation's first demonstration project to use zero emission hydrogen to power zero-emission hydrogen-fuel cell trucks. This project will help demonstrate Hydrogen's promise to decarbonize the natural gas sector and fuel zero emission trucks.	\$3,840
Menendez, Robert(D-NJ)	US Army Corps of Engineers	Monmouth County	Hudson Raritan Estuary (HRE) - Naval Station Earle Oyster Restoration	The Hudson Raritan Estuary (HRE) is within the boundaries of the Port District of New York and New Jersey, and is situated within a 25-mile radius of the Statue of Liberty National Monument. The overall objective of the HRE is to restore ecological function and diversity that have been lost or degraded as a result of human activities. It will include the restoration of approximately 381 acres of estuarine wetland habitat (including six miles of tidal channels), 50 acres of freshwater riverine wetland habitat, 27 acres of coastal and maritime forest habitat, 39 acres of shallow water habitat and 52 acres of oyster habitat. Two fish ladders would be installed and three weirs would be modified to re-introduce or expand fish passage (24 miles) and control flow rate and water volume along the Bronx River. A total of 1.6 miles of stream bank and 72 acres of stream bed and channel would be restored. Specifically, the oyster reef restoration at Naval Weapon Station Earle will include 10 acres of reef creation (oyster castles, shell, and gabions).	\$300
Menendez, Robert(D-NJ)	US Army Corps of Engineers	Monmouth County	Sea Bright to Manasquan (General Reeevaluation Study)	The project consists of 2.1 miles of shoreline from the Township of Sea Bright to the Manasquan Inlet in Monmouth County, New Jersey. The beach erosion control project provides beach erosion control protection of the shoreline that protects the highly populated communities and infrastructure located along this area of the New Jersey shoreline.	\$500
Menendez, Robert(D-NJ)	US Army Corps of Engineers	Middlesex, Somerset and Union Counties	Green Brook (General Reeevaluation Study)	The Green Brook Sub Basin is located within the Raritan River Basin in north-central New Jersey in the counties of Middlesex, Somerset and Union. It encompasses 13 municipalities and drains approximately 65 square miles of primarily urban and industrialized area. This project was authorized for construction in Section 401a of the Water Resources Development Act of 1986. The Final General Reeevaluation Report (GRR) and Supplemental Environmental Impact Statement (SEIS), dated May 1997 recommended flood protection for the Lower Basin and Stony Brook Basin, and is supported by the project sponsor, the New Jersey Department of Environmental Protection. Based on this report and input obtained during the public review period, the State of New Jersey requested that the upper portion of the project be deferred, pending additional consideration of alternatives. Following the 1997 GRR, several authorized project measures have been constructed in the Lower Basin with others in the course of design or awaiting funding. In a letter dated April 6, 2015, the New Jersey Department of Environmental Protection (NJDEP) requested that the U.S. Army Corps of Engineers (USACE) initiate a reevaluation of the deferred Upper Basin of the Green Brook Authorized Project. Given the significant time that has passed since the project was authorized in 1986 and since the release of the May 1997 GRR, the District initiated a Validation Study in order to validate the results of the current authorized project. The Validation Study determined that implementation of the features with the Upper and Stony Brook Basins are not viable as they are not economically justified. The study determined the constructed and unconstructed portions of the Lower Basin taken together are economically justified. General Reeevaluation Report (GRR) will be conducted to examine unauthorized alternatives that might provide flood risk management in the Upper Basin and Stony Brook Basin areas of Green Brook.	\$300
Menendez, Robert(D-NJ)	US Army Corps of Engineers	Ocean County	Great Egg Harbor and Peck Beach (Ocean City), NJ	The New Jersey Shore Protection, Great Egg Harbor and Peck Beach, (Ocean City), NJ project consists of providing initial beach fill, with subsequent periodic nourishment, with a minimum berm width of 100 feet at an elevation of +8.0 National Geodetic Vertical Datum (NGVD). The beach fill extends from the Seaview Road Groin southwest to 34th Street where it meets the Great Egg Harbor Inlet to Townsends Inlet project. This plan required the initial placement of approximately 6.2 million cubic yards of material and subsequent periodic nourishment of approximately 1.1 million cubic yards every 3 years. Initial construction was completed in 1992. The project has been nourished/repared in subsequent years.	\$17,000
Menendez, Robert(D-NJ)	US Army Corps of Engineers	Monmouth County	Raritan & Sandy Hook Bay - Highlands, NJ	The Highlands study area, about .7 square miles in extent, is located at the eastern limit of the overall Raritan Bay and Sandy Hook Bay study area and is bordered to the north by Sandy Hook Bay, to the west by the corporate limits of Atlantic Highlands, and to the east by the Shrewsbury River and Route 36 bridge. The Borough of Highlands is located in Monmouth County, New Jersey. Highlands is generally about 2,000 feet wide, and its topography is flat for about 1,500 feet onshore from the bay, after which the ground rises rapidly to an elevation of 240 feet NGVD. This is a fully developed community with most year-round residences and commercial establishments located on the low-lying area along the bay. Highlands has a history of devastating flood damages. Approximately 880 residential, trailer home, apartment, and commercial structures are subject to severe flooding with approximately 670 located below 8 feet NGVD. Many low-lying roadways are flooded during severe storm events, cutting off access to large portions of Highlands. This area was devastated by Superstorm Sandy.	\$750

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Menendez, Robert(D-NJ)	US Army Corps of Engineers	Ocean County	NJ Shore Protection, Manasquan Inlet to Barnegat Inlet (Point Pleasant to South Seaside Park), NJ	The Manasquan Inlet to Barnegat Inlet project area is an approximately 14-mile long barrier spit located in northern Ocean County, New Jersey. The area has historically suffered damages from coastal storms, hurricanes and nor'easters, and suffered devastating damage from Hurricane Sandy throughout the entire project reach. The Manasquan Inlet to Barnegat Inlet Coastal Storm Risk Management project, also known as the "Northern Ocean County" project, is designed to reduce the risk of loss of lives and damages to property and infrastructure from the waves, erosion, high tides and surges associated with these storm events. The project provides flood and coastal storm risk management along the Northern Ocean County shoreline, which includes the municipalities of Point Pleasant Beach; Bay Head; Mantoloking; Brick Township; Toms River Township; Lavallette; Seaside Heights; Seaside Park; and Berkeley Township.	\$30,000
Menendez, Robert(D-NJ)	US Army Corps of Engineers	Salem	Delaware Bay Coastline, Oakwood Beach, NJ	The project area is located at Oakwood Beach, Elsinboro Township, Salem County, New Jersey in upper Delaware Bay. The project area consists of approximately 2 miles along the Delaware Bay Coastline at Oakwood Beach. The plan for flood and coastal storm damage reduction at Oakwood Beach is a 50-foot wide berm at an elevation of +6.0 feet NAVD over a project length of 9,500 lineal feet. The plan includes suitable advance beach fill and periodic nourishment every eight years to ensure the integrity of the design. The source of sand for the initial construction and periodic nourishment is the Delaware River Main channel. This project is not a component of the Delaware River Main Channel Deepening project. The purpose of this project provides hurricane and coastal storm damage reduction at Oakwood Beach, which includes a suitable advance beach fill and periodic nourishment every eight years.	\$5,000
Menendez, Robert(D-NJ)	US Army Corps of Engineers	Ocean County	NJ Shore Protection, Barnegat Inlet to Little Egg Inlet (Long Beach Island), NJ	Long Beach Island is an 18-mile long barrier island located in southern Ocean County, New Jersey. The area has historically suffered damages from coastal storms, hurricanes and nor'easters. The Barnegat Inlet to Little Egg Inlet Coastal Storm Risk Management project, also known as the Long Beach Island beachfill project, is designed to reduce the risk of loss of lives and damages to property and infrastructure from the waves, erosion, high tides and surges associated with these storm events. The project provides flood and coastal storm risk management along Long Beach Island, which includes the municipalities of Harvey Cedars, Surf City, Ship Bottom, Beach Haven and Long Beach Township. The project features include a beachfill with a dune crest width of 30 feet at elevation +22 feet above the North American Vertical Datum 1988 (NAVD 88), and a berm width of 125 ft (measured from centerline of the dune) at elevation +8 ft NAVD 88, various types of dune crossovers, sand fencing, and the planting of multiple species of native dune grasses. Periodic nourishment is authorized on a 7-year cycle. The completed project extends continuously from the north end of Loveladies (part of Long Beach Township) to the south end of Holgate (also part of Long Beach Township). The New Jersey Department of Environmental Protection is the non-federal cost sharing sponsor for this project.	\$32,000
Menendez, Robert(D-NJ)	US Army Corps of Engineers	Rahway	Rahway River Basin (Tidal), NJ	The Rahway River Basin is 81.9 square miles and lies within the metropolitan area of Greater New York. Flooding within the Rahway River Basin is caused principally by the rapid development of the area, which has resulted in a large increase of storm water runoff. Floods have caused damage to houses, businesses, municipal facilities and public infrastructure. Lower portions of the Rahway River Basin have experienced damages during Hurricane Sandy. The focus of this study is to address coastal flooding. The tidal influence on the Rahway River Basin extends roughly 5 miles from the Arthur Kill into the City of Rahway.	\$600
Menendez, Robert(D-NJ)	US Army Corps of Engineers	Cape May County	NJ Shore Protection, Great Egg Harbor Inlet to Townsends Inlet (Ocean City South to Sea Isle City), NJ	The project area extends approximately 16 miles from Great Egg Harbor Inlet to Townsends Inlet, and includes the municipalities of Ocean City, Upper Township, and Sea Isle City. An existing Federal beachfill extends along the northern and central portions of Ocean City, from Seaview Road to 34th Street. The study investigated flood and coastal storm damage effects with a view toward reducing impacts from coastal erosion and storms. The recommended plan calls for construction of a beach fill with a berm and dune along the study area oceanfront utilizing sand from an offshore borrow source and periodic nourishment for a period of 50 years. The purpose of this project investigated hurricane and coastal storm damage effects with a view toward reducing impacts from coastal erosion and storms.	\$20,000
Menendez, Robert(D-NJ)	US Army Corps of Engineers	Essex and Passaic Counties	Peckman River Flood Risk Management	The Peckman River Basin is located in Essex and Passaic Counties, New Jersey. A tributary to the Passaic River, the Peckman River originates in the Town of West Orange and flows northeast through the towns of Verona, Cedar Grove, and Little Falls, to its confluence with the Passaic River in Woodland Park. Extensive development in the basin has led to flood damages and ecosystem degradation during or immediately following intense precipitation. The Basin experiences frequent flooding from intense thunderstorms and heavy rainfall. These storms can deposit large amounts of precipitation in the watershed, producing significant runoff, which quickly surpasses the capacity of the river channel, including bridge and culvert openings. Significant degradation of the ecology of the Basin has occurred as a result of extensive erosion at specific locations along the river. The current state of the river ecosystem reflects the type of long-term degradation often associated with heavily urbanized watersheds. The development of the watershed has reduced the water-holding capacity of the landscape and altered the natural flow dynamics within the river system.	\$500

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Menendez, Robert(D-NJ)	US Army Corps of Engineers	Cape May County	NJ Shore Protection, Townsends Inlet to Cape May Inlet (Avalon & Stone Harbor), NJ	The Townsends Inlet to Cape May Inlet Coastal Storm Risk Management Project was authorized by Congress in 1999. The project includes the construction of a dune and berm system with a 3-year nourishment cycle (pending available funding) and 2.2 miles of seawall along the Townsends Inlet frontage of Avalon and the Hereford Inlet frontage of North Wildwood. The design calls for a 150 foot berm (or beach) backed by a dune constructed to elevation +14.75 (North American Vertical Datum of 1988). The beachfill portion of the project was initially constructed in 2002. The Townsends Inlet seawall was completed in 2006. The Hereford Inlet seawall was constructed in 2 phases with the Phase 1 completed in 2007 and Phase 2 completed in 2010. The dune and beachfill project was renourished/repared in 2011, 2013, 2017, and 2019. The Hereford Seawall was repaired in 2014. The project is designed to reduce the risk of damages to infrastructure from coastal storm events.	\$15,500
Menendez, Robert(D-NJ)	US Army Corps of Engineers	Hudson	New York and New Jersey Harbor anchorages, NY,NJ	Larger containerships are experiencing transportation delays due to insufficient Federal anchorage conditions in New York and New Jersey Harbor, resulting in reduced efficiency and increased costs. Navigation concerns include the limited anchorage depths causing navigation inefficiencies and the limited anchorage widths that do not allow the largest vessels to anchor in the harbor. During port closures, these larger ships might have to return to the ocean anchorage, experience delays while waiting for favorable weather and tide conditions, or wait for other commercial vessels to transit the main channel.	\$1,125
Menendez, Robert(D-NJ)	Willingboro Municipal Utilities Authority	Willingboro	WMUA Lighting Retrofit	Requested funding will be used to purchase and install new LED lighting supplies, bulbs, wiring, throughout the Willingboro Municipal Utilities Authority (WMUA). This will allow the WMUA to save significant operating dollars through the replacement of low efficiency incandescent lights to new high efficiency LED lights. Additionally, this project includes the installation of new LED fixtures, the retrofit of existing fluorescent fixtures with new LED lamps and the replacement of some older inefficient lamps. Occupancy sensors to control lighting will be installed at two facilities.	\$360
Menendez, Robert(D-NJ)	Willingboro Municipal Utilities Authority	Willingboro	Solar Array Enhancement	Funding will be utilized to purchase and add additional panels to existing solar arrays as well as to repair and enhance the current solar array production to produce optimum efficiency specifically throughout the summer months to effectively operate as a integral leg of a three pronged microgrid system at the wastewater treatment plant. This project is specifically designed to support on leg of a microgrid that will allow the Willingboro Municipal Utilities Authority (WMUA) to keep it's Wastewater Treatment Plant on-line and running at full capacity during extended grid power outages.	\$77